

CORRES. CONTROL
OUTGOING LTR NO.

DOE ORDER #

93 RF 12220

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.

ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

October 5, 1993

93-RF-12220

James K. Hartman
Assistant Manager
Transition and Environmental Management
DOE, RFO

FUNDING FOR MATERIAL TRANSFER FROM INDIVIDUAL HAZARDOUS SUBSTANCE SITES FOR THE INDUSTRIAL AREA OPERABLE UNITS - NMH-516-93

Material removal from the Industrial Area (IA) Operable Units (OUs), Nos 8, 9, 10, 12, 13, and 14, Individual Hazardous Substance Sites (IHSSs) in Fiscal Year (FY) 94 will be critical to allow for completion of Environmental Restoration Management (ERM) activities. These activities include implementation of the non-intrusive field work, e.g. surface soil sampling, radiation surveys, soil gas surveys and asphalt sampling. Additionally, limited intrusive activities will occur in FY 94 and these activities will include installation of soil borings, BAT sampling, and monitoring well installation. In order for any of the activities to be complete in FY 94, existing materials that are currently located on the IHSSs will need to be moved off the IHSS to allow access for the ERM investigation. Materials that will need to be moved include scrap materials, e.g. metal, office furniture, cargo containers, etc. Also, several IHSS areas are waste storage areas and are covered by a variety of permitted wastes, e.g. low-level and hazardous wastes. The extent of material that will be required to be moved has been identified on an OU IHSS per IHSS basis. The costs associated with the material removal have also been estimated (see attached). Remediation Project Management (RPM) worked with Plant Services Support to estimate the costs for the material transfers.

RPM has requested logistical support from Plant Support Services in order to perform the material transfers from IHSSs. The transfers would be best funded by ERM through the individual OUs because Plant Support Services would otherwise not be moving materials in FY 94 in these areas. The activities that ERM is performing in FY 94 will require materials to be moved in areas that are currently long-term storage. Since the movement of these materials is not a requirement for Plant Support Services in FY 94, ERM should provide the funding resources for the material movement. The present cost estimate for removal is approximately \$1 million. Since the removal of the material from the IHSSs is critical to completion of work at the IA OUs, RPM proposes that money from the ERM IA OUs pay for their portion of the material transfer costs. The funding will be allocated to Plant Support Services through the IA OU FY 94 Work Packages. Several advantages to having ERM fund the IHSS material transfer are as follows:

1. Schedule compliance and resource availability would be enhanced if ERM is funding the material removal in that compliance to the schedule would be more controllable by ERM. Assignments for dedicated support to the IA OUs from Plant Support Services would be made prior to authorization of any funds.

DIST.	LTR	ENC
AMARAL, M.E.		
BENEDETTI, R.L.	✓	✓
BENJAMIN, A.		
BERMAN, H.S.		
BRANCH, D.B.		
CARNIVAL, G.J.		
COPP, R.D.		
DAVIS, J.G.		
FERRERA, D.W.		
HANNI, B.J.		
HARMAN, L. K.		
HEALY, T.J.		
HEDAH, T.		
HILBIG, J.G.		
KIRBY, W.A.		
KUESTER, A.W.		
MANN, H.P.	✓	✓
MARX, G.E.		
McDONALD, M.M.		
McKENNA, F.G.		
MONTROSE, J.K.		
MORGAN, R.V.		
POTTER, G.L.		
PIZZUTO, V.M.		
RILEY, J.H.		
RISING, T.L.		
SANDLIN, N.B.		
SETLOCK, G.H.		
STEWART, D.L.		
SULLIVAN, M.T.		
SWANSON, E.R.		
WILKINSON, R.B.	✓	✓
WILLIAMS, S. (ORC)		
WILSON, J. M.		
WYANT, R.B.		
W.S. Bruchm	✓	✓
Lake, D.A.	✓	✓
Peterman, M.	✓	✓
Anderson, G.A.	✓	✓
Berman, S.	✓	✓
McHugh, M.	✓	✓
Hayes, C.H.	✓	✓
Adams, K.	✓	✓
CORRES CONTROL	x	x
ADMIN RECORD	✓	✓
PATS/T130G		
TRAFFIC		

CLASSIFICATION:

UCNI	
UNCLASSIFIED	
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER
SIGNATUREDOCUMENT CLASSIFICATION
REVIEW WAFER PER
DA CLASSIFICATION OFFICE

IN REPLY TO RFP CC NO:

N/A

ACTION ITEM STATUS

☐ PARTIAL/OPEN☒ CLOSED

LTR APPROVALS:

W.S.B.: JWP BDP:
ORIG & TYRIST INITIALS
BDP JWP**ADMIN RECCRD**

A-DU09-000407

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2. Control of the funds would allow control of the scope of work for material transfers and allow the priority to be set by ERM, not Plant Support Services. A Memorandum of Understanding (MOU) would be drafted between RPM and Plant Support Services to closely define responsibilities.
3. RPM would maintain control over the direction/location of the material to be removed from the IHSSs. RPM could allow for temporary storage of material back onto an IHSS only after characterization criteria are met.
4. Performance criteria could be built into the MOU with Plant Support Services. Since funding would be coming from each OU, performance for the material removal could be monitored and controlled in conjunction with RPM's needs.

The disadvantages for ERM to fund material transfers are primarily reducing scope in FY 94 for environmental work. The material transfer will account for approximately \$1 million of FY 94 funding out of the \$15 million currently scoped for all the IA OUs. The \$1 million is a relatively small amount of money to be spent versus the impact in holding up \$15 million of environmental field work. Also, each of the OUs could defer work, e.g. ground water monitoring well installation, to FY 95. This task alone could easily account for \$1 million in sampling costs alone.

If you have any questions or require additional information regarding this matter, please contact B. D. Peterman at extension 8659 of Remediation Project Management.



N. M. Hutchins
Acting Associate General Manager
Environmental Restoration Management
EG&G Rocky Flats, Inc.

BDP:dql

Orig. and 1 cc - J. K. Hartman

Attachment:
As Stated

cc:

R. H. Birk	-	DOE, RFO
S. R. Grace	-	" "
A. H. Pauole	-	" "
R. J. Schassburger	-	" "
B. K. Thatcher	-	" "

Estimated Hours/Costs for Removal of Materials from OUs 8,9,10,12,13,14 is FY94

OU	IHSS	Trucking & Labor CC 327	COST \$78.51/hr	Logistics CC 359	COST \$79.49/hr	Nuclear Material Handling (991 Ops) CC 1191	COST \$84.58/hr	Hazardous Waste Operations CC 1395	COST \$84.22/hr	TOTAL HR per IHSS	DURATION (days)		TOTAL \$'s Per OU
											One Crew <1000 hrs	Two Crews >1000 hrs	
8	118.2	100	\$7,851							100	8.3	---	
	150.1	25	\$1,963							25	2.1	---	
	150.2	10	\$785							10	0.8	---	
	150.6	2	\$157							2	0.2	---	
	150.7	10	\$785							10	0.8	---	
	150.8	25	\$1,963							25	2.1	---	
	163.2	*								0	0.0	---	
9	173					100	\$8,458			100	8.3	---	\$30,812
	184					100	\$8,458			100	8.3	---	
	188	5	\$393							5	0.4	---	
	OU TOTALS	177	\$13,896	0		200	\$16,916	0		377	31.4	0.0	
9	ALL	100	\$7,851							100	8.3	---	\$7,851
10	170	*								0	0.0	---	
	174A&B	*								0	0.0	---	
	175			50	\$3,974					50	4.2	---	
	176	3000	\$235,530							3000	---	100	
	177	120	\$9,421							120	10.0	---	
	182	60	\$4,711							60	5.0	---	
	210			50	\$3,974					50	4.2	---	
INTRUSIV	400	\$31,404								400	33.3	---	
	OU TOTALS	3580	\$281,066	100	\$7,949	0		0		3680	56.7	100	\$289,015
12	116.1	10	\$785							10	0.8	---	
	116.2	100	\$7,851							100	8.3	---	
	120.1	40	\$3,140							40	3.3	---	
	120.2	20	\$1,570							20	1.7	---	
	136.1	*								0	0.0	---	

136.2	*					0	0.0	--	
147.2	300	\$23,553				300	25.0	--	
157.2	400	\$31,404				400	33.3	--	
OU TOTALS	870	\$68,304	0	0	0	870	72.5	0	\$68,304
13	117.1	400	\$31,404			400	33.3	--	
	117.2	900	\$70,659	600	\$47,694	500		66.7	
	128	*				0	0.0	--	
	134	120	\$9,421			120	10.0	--	
	158		500	\$39,745		500	41.7	--	
	171	40	\$3,140			40	3.3	--	
OU TOTALS	1460	\$114,625	1100	\$87,439	0	500	88.3	66.7	\$244,174
14	156.1	200	\$15,702			200	16.7	--	
	160	1800	\$141,318			3300		110.0	
	161	400	\$31,404	1500	\$126,330	800	66.7	--	
	164.3	300	\$23,553	400	\$33,688	300	25.0	--	
OU TOTALS	2700	\$211,977	0			4600	108.3	110.0	\$371,995
CC TOTAL	8887	1200	200			12687	365.6	276.7	\$1,012,150

* - No materials in these areas as of July 23, 1993.

ASSUMPTIONS

Crew for material handling consists of one driver and one fork lift operator. The supervisor's time will be charged to the overhead of CC 327.

One work day consists of 5-6 hours actual material movement

Overtime is budgeted for 10% of the total hours and does not affect schedule durations. Pre-approval of OT must be authorized by RPM.

Material movement greater than 1000 hours total will require an additional crew be added to the project and one additional coordinator.

Hours estimated include movement of material off of and back onto the IHSS.

CC359 will be responsible for coordination of hours between different cost centers for material removal. CC359 will support RPM in this effort.